METHODS AND APPARATUS PROVIDING AN EVENT SERVICE INFRASTRUCTURE

5   ABSTRACT OF THE DISCLOSURE

In a conventional managed information environment network, event notification mechanisms typically monitor the various nodes and interconnections in the network. In particular configurations of the invention, an event service infrastructure allows an event, or class definition, to define the event and related event data. Invocation of the event

10   includes only the event specific class definition. The infrastructure transparently processes the subsequent reporting and invocation of the appropriate event handler. The event handler, corresponding to the event definition, performs remedial and responsive processing of the event. A developer need only develop entities to subscribe to an event to identify the appropriate handler, and publish the event with any related event data upon

15   detection. Each particular event avoids extraneous event definitions and associated files, thereby relieving the developer from unrelated events and allowing focus on the pertinent events. A detecting software entity initiates event handling by publishing the event, upon which the event service identifies and invokes each subscriber entity for performing the event handler associated with the event.

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